L	Hits	Search Text	DB	Time stamp
Number				
1	1	<pre>gain with adjust\$3 and (energy with   (measur\$5 or comput\$5 or calculat\$3 or   check\$3 or accumulat\$3 or integrat\$3 or   test\$3 or detect\$3) with (FFT with</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 13:10
2	1	(before with after))) (energy with (measur\$5 or comput\$5 or calculat\$3 or check\$3 or accumulat\$3 or integrat\$3 or test\$3 or detect\$3) with	USPAT; US-PGPUB; EPO; JPO;	2004/07/22
3	106	(FFT with (before with after))) (FFT with (before with after))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/07/22
4	7	(FFT with (before with after)) with (energy or power or level)	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22
5	1	((FFT or fast adjl fourier adjl transform\$5) with (before with after)) with (AGC or automatic adjl gain adjl	USPAT; US-PGPUB; EPO; JPO;	2004/07/22
7	8	control) with (energy or power or level) ((FFT or fast adj1 fourier adj1 transform\$5) with (before with after)) and (AGC or automatic adj1 gain adj1	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/07/22
8	10	control) (((FFT or fast adjl fourier adjl transform\$5) with (before with after)) with (monitor\$3 or energy or power or	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/07/22
9	40	level)) "5550812"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/07/22
10	3	"6594320"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/07/22
_	1	"09398502"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/07/20 14:29
-	3	"6594320"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/07/20
-	<b>3</b> .	"6625433"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/07/20 14:29
-	.2	"20020186799"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/07/20
-	1462	(OFDM or DMT) and demodulat\$3 and FFT	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/07/20 15:28
-	256	(OFDM or DMT) and demodulat\$3 and FFT and AGC	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/07/21 16:46
-	44	(OFDM or DMT) and demodulat\$3 and FFT and AGC with RF	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/07/21 16:45
-	1	adjust\$3 with gain\$1 and ((pre\$1FFT and post\$1FFT) with (measur\$4 or calculat\$3))	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/20 16:10

		•		
_	2	((adjust\$3 with gain\$1) or AGC or	USPAT;	2004/07/20
		(automatic adj1 gain adj1 control)) and	US-PGPUB;	16:09
		((pre\$1FFT and post\$1FFT) with (measur\$4	EPO; JPO;	
		or calculat\$3))	DERWENT	1
_	256	adjust\$3 with gain\$1 and (\$4FFT with	USPAT;	2004/07/21
l '		(measur\$4 or calculat\$3))	US-PGPUB;	16:18
			EPO; JPO;	·
1			DERWENT	1
-	83	adjust\$3 with gain\$1 and (\$4FFT with	USPAT;	2004/07/21
1		(measur\$4 or calculat\$3) with (energy or	US-PGPUB;	16:44
		power or level))	EPO; JPO;	
		F	DERWENT	
_	11	375/.ccls. and ((adjust\$3 with gain\$1) or	USPAT;	2004/07/20
		AGC) and (\$4FFT with (measur\$4 or	US-PGPUB;	16:14
		calculat\$3) with (energy or power or	EPO; JPO;	1 - 1
		level)) and (OFDM or DMT)	DERWENT	
_	102		USPAT;	2004/07/21
	102	(\$4FFT with (measur\$4 or calculat\$3) with	US-PGPUB;	16:09
		(energy or power or level))	EPO; JPO;	1 10.03
		(energy of power of level);	DERWENT	]
<u> </u>	1	"4972430".PN.	USPAT	2004/07/20
[ -		17/230 .EN.	JULKI	16:39
_	15	(monitor\$3 with gain with RF adj1	USPAT;	2004/07/20
-	15		US-PGPUB;	17:22
		amplifier)	,	11.22
		•	EPO; JPO;	1
	_	/m.m.i.h.m.A2i.hi.mi.h	DERWENT	2004/07/20
-	. 9		USPAT;	2004/07/20
		amplifier) and ((adjust\$4 or chang\$3 or	US-PGPUB;	17:29
		vary\$3) with gain)	EPO; JPO;	
			DERWENT	2004/07/21
-	179	Intermediate adj1 frequency with	USPAT;	2004/07/21
		amplifier with gain with adjust\$4	US-PGPUB;	16:20
			EPO; JPO;	
			DERWENT	0004/07/00
-	41	((Intermediate adj1 frequency) and (RF	USPAT;	2004/07/20
		or (radio adj1 frequency))) with	US-PGPUB;	17:30
		amplifier with gain with adjust\$4	EPO; JPO;	i
			DERWENT	/
-	3		USPAT;	2004/07/20
		amplifier) and ((adjust\$4 or chang\$3 or	US-PGPUB;	17:31
		vary\$3) with gain) and opposite	EPO; JPO;	1
			DERWENT	0004/07/00
-	3	((Intermediate adj1 frequency) and (RF	USPAT;	2004/07/20
,		or (radio adj1 frequency))) with	US-PGPUB;	17:30
		amplifier with gain with adjust\$4 and	EPO; JPO;	
		opposite	DERWENT	
-	24	Intermediate adjl frequency with	USPAT;	2004/07/20
		amplifier with gain with adjust\$4 and	US-PGPUB;	17:32
		opposite	EPO; JPO;	1
			DERWENT	1
-	3	Intermediate adj1 frequency with	USPAT;	2004/07/20
		amplifier with gain with adjust\$4 and	US-PGPUB;	17:34
]		(opposite with gain)	EPO; JPO;	<u> </u>
1			DERWENT	<b>i</b>
-	1	Intermediate adj1 frequency with	USPAT;	2004/07/21
		amplifier with gain with adjust\$4 and	US-PGPUB;	08:53
		(opposite with (RF or radio adj1	EPO; JPO;	
		frequency) with gain)	DERWENT	
-	1		USPAT	2004/07/21
				08:51
-	9	"6044253"	USPAT;	2004/07/21
		•	US-PGPUB;	08:57
			EPO; JPO;	
			DERWENT	1
-	5	(Intermediate adj1 frequency or "IF")	USPAT;	2004/07/21
		with amplifier with (AGC or automatic	US-PGPUB;	11:54
		adj1 gain adj1 control) and (demodulat\$3	EPO; JPO;	
		with FFT)	DERWENT	
_	1	,	USPAT	2004/07/21
	_			11:40
	L	L	<del></del>	

				,
-	1	(Intermediate adj1 frequency or "IF")	USPAT;	2004/07/21
		with amplifier with (AGC or automatic	US-PGPUB;	11:57
		adj1 gain adj1 control) with (demodulat\$3	EPO; JPO;	
		with FFT)	DERWENT	· · · ·
-	1		USPAT;	2004/07/21
		automatic adj1 gain adj1 control)	US-PGPUB;	12:03
			EPO; JPO;	
			DERWENT	
-	13	pre\$1FFT and post\$1FFT	USPAT;	2004/07/21
		· ·	US-PGPUB;	12:01
		:	EPO; JPO;	
ļ			DERWENT	
-	10	pre\$1FFT and post\$1FFT and (OFDM or DMT)	USPAT;	2004/07/21
			US-PGPUB;	12:01
			EPO; JPO;	
			DERWENT	0004/07/01
-	4		USPAT;	2004/07/21
		automatic adj1 gain adj1 control)	US-PGPUB;	13:44
	İ		EPO; JPO;	'
			DERWENT	2004/07/01
-	52		USPAT;	2004/07/21
		automatic adj1 gain adj1 control)	US-PGPUB;	13:45
	]		EPO; JPO;	
1	]	l	DERWENT	0004/07/01
-	2		USPAT;	2004/07/21
		or energy or level) with (measur\$5 or	US-PGPUB;	16:21
		calculat\$3 or detect\$3 or check\$3)) and	EPO; JPO;	
		(AGC or automatic adjl gain adjl control)	DERWENT	0004/07/01
-	2	(	USPAT;	2004/07/21
		and ((before and after) with FFT) with	US-PGPUB;	13:54
		((power or energy or level) with	EPO; JPO;	l i
	1	(measur\$5 or calculat\$3 or detect\$3 or	DERWENT	
		check\$3))	TTG D D M	2004/07/21
-	30	1	USPAT;	2004/07/21
1		demodulat\$3 and FFT and AGC with RF	US-PGPUB;	16:10
		·	EPO; JPO;	
			DERWENT	2004/07/21
-	3		USPAT;	2004/07/21
1		(\$4FFT with (measur\$4 or calculat\$3) with	US-PGPUB;	16:42
		(energy or power or level)) and OFDM and	EPO; JPO;	
		DMT	DERWENT	2004/07/22
_	٥ ا	375/.ccls. and (OFDM and DMT) and	USPAT;	1
	1	demodulat\$3 and FFT and AGC with RF	US-PGPUB;	11:01
		·	EPO; JPO; DERWENT	
	1	(OEDM and DME) and demodulates and EEE	USPAT;	2004/07/21
-	22	(OFDM and DMT) and demodulat\$3 and FFT	US-PGPUB;	16:14
	1	and AGC	EPO; JPO;	*****
			DERWENT	
_	6	adjust\$3 with gain\$1 and (\$4FFT with	USPAT;	2004/07/21
] _	1	(measur\$4 or calculat\$3)) and OFDM and	US-PGPUB;	16:18
		(measur;4 or carculat;5); and orbit and	EPO; JPO;	10.10
	1	DITT	DERWENT	
l _	2	adjust\$3 with gain\$1 and (\$4FFT with	USPAT;	2004/07/21
_	4	adjust; 3 with gain; 1 and (;44ff1 with   (measur; 4 or calculat; 3) with (energy or	US-PGPUB;	16:19
	1	power or level)) and OFDM and DMT	EPO; JPO;	
		power of revery, and orbit and bit	DERWENT	
_	3	receiver with (OFDM and DMT) and (gain	USPAT;	2004/07/22
-		with control\$4)	US-PGPUB;	07:16
	1	WICH COHOLOTAI	EPO; JPO;	"   "
			DERWENT	
l _	31	receiver with (OFDM and DMT)	USPAT;	2004/07/21
		TOOCTVOI WICH (OTDIT and Dill)	US-PGPUB;	16:26
			EPO; JPO;	+ 3 . 2 3
	1		DERWENT	
l <u>-</u>	323	receiver with (OFDM or DMT) and (gain	USPAT;	2004/07/22
	323	with control\$4)	US-PGPUB;	08:10
İ	1		EPO; JPO;	
	1	· ·	DERWENT	
L	L	<u> </u>	1 22: 112:11	<del></del>

		_		•
_	30	375/.ccls. and (OFDM or DMT) and demodulat\$3 and FFT and AGC with RF	USPAT; US-PGPUB; EPO; JPO;	2004/07/21 16:28
_	11	375/.ccls. and (DMT) and demodulat\$3 and FFT and AGC with RF	DERWENT USPAT; US-PGPUB;	2004/07/21 16:29
			EPO; JPO; DERWENT	
_	4	((adjust\$3 with gain\$1) or AGC) and (\$4FFT with (measur\$4 or calculat\$3) with (energy or power or level)) and DMT	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/21 16:43
-	16	(DMT) and demodulat\$3 and FFT and AGC with RF	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/21 17:30
-	11	(DMT) with amplifier and demodulat\$3 and FFT and AGC	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/21 16:47
-	53	receiver with (DMT) and (gain with control\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/21 16:48
-	91	802.11 and demodulat\$3 and RF and AGC :	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/21 17:31
-	24	802.11 and demodulat\$3 and RF and AGC and FFT	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/21 17:33
_	3	802.11 and demodulat\$3 and RF and AGC and FFT and DMT	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 07:02
_	21	bluetooth with receiver and demodulat\$3 and RF and AGC	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 07:05
_	1	DMT with RF with receiver	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 07:07
_	369	DMT with receiver	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 07:17
-	135	DMT adj1 receiver	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 07:08
-	3	DMT adj1 receiver with AGC	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 07:09
-	25	DMT adj1 receiver and RF	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 07:15
_	51	DMT with receiver and RF	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 07:16
_	25	DMT with receiver and Intermediate adj1 frequency	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 07:20
_	6	DMT and DAB with receiver and Intermediate adjl frequency	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 07:21

_	26	bluetooth with receiver and RF and AGC	USPAT;	2004/07/22
			US-PGPUB;	07:30
			EPO; JPO;	
			DERWENT	
_	247	receiver with (OFDM or DMT) and (gain	USPAT;	2004/07/22
		with control\$4) and demodulat\$3	US-PGPUB;	11:43
			EPO; JPO;	
			DERWENT	
-	3	receiver with (OFDM and DMT) and (gain	USPAT;	2004/07/22
		with control\$4) and demodulat\$3	US-PGPUB;	08:11
			EPO; JPO;	
			DERWENT	
-	21	375/.ccls. and ((adjust\$3 with gain\$1) or	USPAT;	2004/07/22
		AGC) and (\$4FFT with (measur\$4 or	US-PGPUB;	11:04
ļ		calculat\$3) with (energy or power or	EPO; JPO;	
		level))	DERWENT	
-	36	receiver with (OFDM or DMT) and (gain	USPAT;	2004/07/22
		with control\$4) and demodulat\$3 and	US-PGPUB;	11:57
1		clip\$4	EPO; JPO;	
			DERWENT	0004/07/00
-	7	receiver with (OFDM or DMT) and (gain	USPAT;	2004/07/22
		with control\$4) and demodulat\$3 and	US-PGPUB;	13:05
		(prevent\$3 or eliminat\$3 or avoid\$3) with	EPO; JPO;	
		clip\$4	DERWENT	

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Roberts, R.D.;

Southcon/96. Conference Record, 25-27 June 1996

Pages:80 - 85

[Abstract] [PDF Full-Text (224 KB)] **IEEE CNF** 

2 Interference suppression in DMT receivers using windowing

Kapoor, S.; Nedic, S.;

Communications, 2000. ICC 2000. 2000 IEEE International Conference

on, Volume: 2, 18-22 June 2000

Pages: 778 - 782 vol.2

[PDF Full-Text (388 KB)] [Abstract] **IEEE CNF** 

## 3 Synchronization with DMT modulation

Pollet, T.; Peeters, M.;

Communications Magazine, IEEE, Volume: 37, Issue: 4, April 1999

Pages:80 - 86

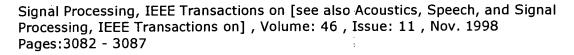
[Abstract] [PDF Full-Text (944 KB)] **IEEE JNL** 

# 4 DMT bit rate maximization with optimal time domain equalizer filter bank architecture

Milosevic, M.; Pessoa, L.F.C.; Evans, B.L.; Baldick, R.; Signals, Systems and Computers, 2002. Conference Record of the Thirty-Sixth Asilomar Conference on , Volume: 1 , 3-6 Nov. 2002 Pages:377 - 382 vol.1

[Abstract] [PDF Full-Text (419 KB)] **IEEE CNF** 

5 An equalization algorithm for wavelet packet based modulation schemes Gracias, S.; Reddy, V.U.;



[Abstract] [PDF Full-Text (192 KB)] **IEEE JNL** 

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